

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (previously presented) A system for presenting and distributing information related to a medication of a patient, comprising:

a terminal device communicating with a wireless communication system, and

a medicament device including:

a medicament container arranged to hold a medicament;

a dispensing mechanism arranged for dispensing medicament from the medicament container;

a detector arranged for detection of activation of said dispensing mechanism;

a memory arranged for obtaining and storing patient-specific information related to specific medication of the patient and information from said detector; and

a communication device for communication with a wireless communication system arranged for transmission of data related to said information related to specific medication of the patient, which transmission of data is activated depending on information from said detector,

wherein said terminal device comprises a receiver for receiving said data from said communication device and a notifier for providing a user of the terminal device with a notification based on said data, and wherein said terminal device is arranged to present information related to the medication of the patient to the user of the terminal device based on said data.

2. (original) The system according to claim 1, wherein the terminal device is arranged to present information obtained from the medicament device by said detector and transferred to the terminal device from the medicament device via the communication device.

3. (previously presented) The system according to claim 1, wherein the notifier is selected from the group including means for providing audible signals, visualizing means, vibration means, and light means.

4. (previously presented) The system according to claim 1, wherein the communication device is arranged for two-way transfer of data between the terminal device and the medicament device and the terminal device comprises a transmitter for transmitting data from the terminal device to the communication device.

5. (previously presented) The system according to claim 1, wherein the terminal device is connected to a network computer system via said wireless communication system, thereby enabling a transfer of information related to the medication of the patient between the network computer system and the terminal device.

6. (previously presented) The system according to claim 1, wherein the detector is arranged to monitor the dispensing of medicament and is connected to the communication device to transfer said data related to dispensing events including a patient specific medication event indicating that an incorrect amount of medication was dispensed for the patient or that medication prescribed for the patient was not dispensed at a designated time.

7. (previously presented) The system according to claim 1, wherein the medicament device comprises a memory for storage of data related to the medication.

8. (previously presented) The system according to claim 1, wherein the terminal device is a cellular phone.

9. (previously presented) The system according to claim 1, wherein the data is communicable between the communication device and the terminal device in encrypted form.

10. (previously presented) The system according to claim 1, wherein the communication device employs radio frequency or optical signals.

11. (previously presented) The system according to claim 1, wherein the communication device communicates with the terminal device using spread spectrum radio frequency signals.

12. (previously presented) The system according to claim 1, wherein the medicament device is arranged to transfer data related to the medication of a patient to at least two terminal devices.

13. (previously presented) The system according to claim 1, wherein said receiver is arranged to receive information from at least two communication devices.

14. (Currently amended) A method of presenting information related to a medication of a patient in a system including: a terminal device communicating with a wireless communication system, and a medicament device ~~including~~, the method comprising:

holding a medicament a medicament container included in the medicament device~~arranged to hold a medicament;~~

dispensing medicament from the medicament container using a dispensing mechanism included in the medicament device~~arranged for dispensing medicament from the medicament container;~~

detecting activation of said dispensing mechanism using a detector included in the medicament device~~arranged for detection of activation of said dispensing mechanism;~~

obtaining and storing patient-specific information related to a specific medication of the patient and information from said detector in a memory included in the medicament device~~arranged for obtaining and storing patient-specific information related to a specific medication of the patient and information from said detector; and~~

using a communication device in the medicament device to transmit data related to said information related to specific medication of the patient from the medicament device to a terminal device, which transmission of data is activated depending on information from said detector; ~~a communication device for communication with a wireless communication system arranged for transmission of data related to said information related to specific medication of the patient from the medicament device to a terminal device, which transmission of data is activated depending on information from said detector;~~

~~the method comprising:~~

utilizing the terminal device to present information related to the medication of the patient to a user of the terminal device based on said data from said medicament device; and notifying the user of an event related to the medication using the terminal device based on said data from said medicament device.

15. (original) The method according to claim 14, further comprising:
obtaining information from the medicament device by said detector; and
transmitting said data to the terminal device from the medicament device via the communication device.

16. (original) The method according to claim 14, wherein notifying the user comprises notifying the user using means for providing audible signals, visualizing means, vibration means, or light means.

17. (previously presented) The method according to claim 14, wherein notifying the user comprises notifying the user using an SMS message or an MMS message.

18. (previously presented) The method according to claim 14, wherein the communication device is arranged for two-way transfer of data between the terminal device and the medicament device, the method further comprising transmitting data from the terminal device to the communication device.

19. (previously presented) The method according to claim 14, wherein the terminal device is connected to a network computer system via said wireless communication system, the method further comprising transmitting information related to the medication of the patient to the network computer system from the terminal device or from the network computer system to the terminal device.

20. (previously presented) The method according to claim 14, wherein the detector is arranged to monitor the dispensing of medicament and is connected to the communication device to transfer data related to the dispensing, the method further comprising the steps of monitoring the dispensing of medicament; and transmitting information related to the dispensing from the terminal device to the communication device.

21. (previously presented) The method according to claim 14, further comprising storing data related to the medication.

22. (previously presented) The method according to claim 14, wherein the data is communicable between the communication device and the terminal device in encrypted form.

23. (previously presented) The method according to claim 14, wherein the communication device employs radio frequency or optical signals.

24. (previously presented) The method according to claim 14, wherein the communication device communicates with the terminal device using spread spectrum radio frequency signals.

25. (previously presented) The method according to claim 14, wherein the communication device communicates with at least two terminal devices.

26. (previously presented) The method according to claim 14, wherein the terminal device communicates with at least two communication devices.

27. Canceled.

28. (previously presented) Computer readable medium comprising instructions for bringing a programmable device to perform the method according to claim 14.

29. (previously presented) The method according to claim 14, wherein the dispensing of medicament is monitored to detect dispensing events including a patient specific medication event indicating that an incorrect amount of medication was dispensed for the patient or that medication prescribed for the patient was not dispensed at a designated time, and wherein said data includes information communicating said patient specific medication event.